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Proceedings of the Club.

TUESDAY, MARCH 14, 1893.

The President in the chair and twenty-six persons present.

The Editor announced that a paper by Prof. L. M. Underwood, on the Bibliography of Hepaticology, would form part 1 of Vol. IV. of the MEMOIRS, and that Dr. Rusby's first publications upon Mr. Bang's Bolivian collections would form the third part of Vol. III.

Dr. Morong exhibited the interesting fruit of a species of the Asclepiadaceous genus *Exolobus* from Paraguay, and remarked upon the habits of the plant.

The following active members were elected: Mr. Theodore G. White, Mr. Louis Froelich, Mr. Rudolph Weber, Mr. Stewardson Brown, Mr. Joseph D. Crawford.

The announced papers of the evening were then read as follows: "Notes on *Cladosporium fulvum*," by Miss Effie A. Southworth. This fungus is a parasite of the tomato plant, most injurious in the winter season to hot-house plants, thus being especially destructive from an economic point of view. The fungus apparently grows entirely between the cells, and commonly makes its appearance protruding through the stomata. The first appearance is that of whitish spots on the under sides of the leaves, which soon turn yellow, yellow spots at the same time developing opposite these upon the upper surface. The Bordeaux mixture is especially valuable in treatment. Miss Southworth presented a very interesting life history of the plant, well illustrated by blackboard drawing.

"Some Theories about Osmosis," by Dr. Emily L. Gregory. This paper will be published in a subsequent issue of the BULLETIN.

"Preliminary Notes on the Atlantic Coast Species of *Polysiphonia*," by Mr. Carlton C. Curtiss.

WEDNESDAY, MARCH 29, 1893.

Vice President Morong in the chair and twenty-eight persons present.

Dr. D. T. Millspaugh of 89 Hamilton Place, Paterson, N. J., and Prof. Elmer E. Sherman of South Orange, N. J., were elected active members.

The following communications were then presented:

By Mr. Arthur Hollick, "On Palm Leaves from the Cretaceous Strata at Glen Cove, L. I." The paper is printed in the present BULLETIN.

By Dr. Thomas Morong, on "The North American Species of *Smilax*." The paper was fully illustrated by numerous specimens and was discussed by Messrs. Hollick, Curtiss and Rusby.

By Dr. Britton and Mr. Kraemer, "On a Collection of Plants made by Dr. Timothy E. Wilcox, U. S. A., in the Vicinity of Fort Huachuca, Arizona." Several species new to the United States Flora were presented.

The presentation by the editor of a copy of Dr. Morong's Monograph of the North American Naiadaceæ, MEMOIRS, Vol. III., Part 2, elicited an expression of thanks from the author to members of the Club for their assistance, by which it had been possible for his work to become published.

Index to Recent Literature Relating to American Botany.

Abutilon—*Ueber die Gattung*. A Garcke (Engler's Bot. Jahrb. xv. 480-492).

Agave filifera. L. Münzer (Monatsb. Kakteenk. iii. 17).

Note on the flowering of this species in the Berlin Botanical Garden.

Botanical Congress—*An International*. Chas. E. Bessey (Amer. Nat. 1893, 279).

Dr. Bessey, as Vice President of the Section of Botany, A. A. A. S., has appointed a committee of eleven botanists to arrange for an international Botanical Congress to be held at Madison next August.

Buttonwood.—*The*. J. T. Rothrock (Forest Leaves, iv. 5, 6).
With a fine illustration of *Platanus occidentalis*.

Catalogue of the Flowering Plants and Vascular Cryptogams, found in and near Lackawanna and Wyoming Valleys, Pa. William R. Dudley and Charles O. Thurston (Wilkes-Barre, Pa., 1892).

This is substantially a reprint of the preliminary list published in 1887 by Prof. Dudley (then of Cornell, now of the Leland Stanford University, Cal.), in the Proceedings of the Lackawanna Insti-